

Recombinant Human GALK2 Protein (His Tag)

Catalog Number:PKSH032777



Note: Centrifuge before opening to ensure complete recovery of vial contents.

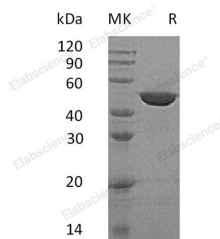
Description

Synonyms	N-acetylgalactosamine kinase;GalNAc kinase;Galactokinase 2;GALK2 and GK2
Species	Human
Expression Host	HEK293 Cells
Sequence	Met 1-Ala458
Accession	Q01415
Calculated Molecular Weight	51.4 kDa
Observed molecular weight	47 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 25mM Tris-HCl, 100mM glycine, 10% glycerol, pH 7.3.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

GALK2 acts as a galactokinase when galactose is present at high concentrations. GALK2 may be involved in a salvage pathway for the reutilization of free GalNAc derived from the degradation of complex carbohydrates. GALK2 has been reported to participate in pathways , such as Amino sugar and nucleotide sugar metabolism, Galactose metabolism and Metabolic pathways.

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